



BONROY INTERNATIONAL LIMITED.

ZIBO NEW MATERIAL TRADING CENTER, PLAZA A,
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TECHNICAL DATA SHEET

PIP-BINDER® S-2105

BINDER® S-2105 is styrene modified C5 resin with a narrow molecular weight distribution. It is characterized by light color and low volatility. S-2105 has outstanding rolling ball tack, and excellent balance of peel and cohesive strength.

S-2105 primarily designed for tackification of Styrene-Isoprene-Styrene (SIS) based PSA since styrene modifying brings its excellent SIS (Styrene Isoprene Styrene Copolymer) compatibility. It's also can used as tackifier for natural rubber, metallocene polyolefins, Butyl rubber, EVA, APP and APAO based HMA.

SPECIFICATIONS

Softening Point (Ring & Ball, °C)	96 – 104	ASTM E 28
Initial Color (Yellow Index)	45 Max	ASTM D 6166
Wax Cloud Point (EVA/Resin/Wax=30/45/25)	105 Max	BDTM/Q-10

TYPICAL PROPERTIES

Softening Point (Ring & Ball, °C)	100	ASTM E 28
Initial Color (Yellow Index)	35	ASTM D 6166
(Ga)	3	ASTM D 616
Wax Cloud Point (EVA/Resin/Wax=30/45/25)	68	BDTM/Q-10
Melt Viscosity BRF, @160°C, cps	1200	ASTM D 3236
@180°C, cps	330	ASTM D 3236
@200°C, cps	120	ASTM D 3236
Molecular Weight (G.P.C, Mn)	1,200	
(G.P.C, Mw)	1,800	
(G.P.C, Mz)	2,900	
D	1.5	
FTIR Ratio, Aromaticity (%)	4.0	

PACKING

BINDER® S-2105 is available both in 25Kg multi-ply paper bags and 500kg bags.

STORAGE

BINDER® S-2105 should be stored in cool ventilated dry place. Recommended temperature no exceeding 35°C.